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INTERNATIONAL PRELIMINARY EXAMINATION REPORT

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	(PCT Article 36 and	Rule 70)
Applicant's or agent's file reference SO001		See Notification of Transmittal of Interna Preliminary Examination Report (Form PCT/IPEA
International application No.	International filing date (day/me	
PCT/JP2003/010272	12 August 2003 (12.08	3.2003) 23 August 2002 (23.08.200
International Patent Classification (IPC) B82B 3/00, B01J 19/00, G01		
Applicant		
	SHIBATA, Yuich	hi
This international preliminary e	examination report has been prepared	by this International Preliminary Examining Author
and is transmitted to the applica		,
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INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/JP2003/010272

1. Basis of th	
1. With rega	rd to the elements of the international application:*
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the	description:
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the intermediate of the in	ard to the language, all the elements marked above were available or furnished to this Authority in the language in which lational application was filed, unless otherwise indicated under this item. In the international application was filed, unless otherwise indicated under this item. In the international furnished to this Authority in the following language which is: It is alonguage of a translation furnished for the purposes of international search (under Rule 23.1(b)). It is alonguage of publication of the international application (under Rule 48.3(b)). It is alonguage of the translation furnished for the purposes of international preliminary examination (under Rule 55.2 and/55.3). It is alonguage of a translation furnished for the purposes of international preliminary examination (under Rule 55.2 and/55.3). It is alonguage of the translation furnished for the purposes of international preliminary examination (under Rule 55.2 and/55.3). It is alonguage of the translation furnished and/or amino acid sequence disclosed in the international application, the international application in written form. In the international application in written form. In the international application in computer readable form. In the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished. The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.
	the description, pages the claims, Nos the drawings, sheets/fig
* Replace in this and 70.	
** Any rep	acement sheet containing such amendments must be referred to under item 1 and annexed to this report.

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

Internation application No.
PCT/JP 03/10272

v.	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability;
i	citations and explanations supporting such statement

citations and explanations supporting such statement				
. Statement				
Novelty (N)	Claims	2-4, 6, 7, 9-11	YES	
	Claims	1, 5, 8	NO	
Inventive step (IS)	Claims		YES	
. ,	Claims	1-11	NO	
Industrial applicability (IA)	Claims	1-11	YES	
	Claims		NO	

2. Citations and explanations

Document 1: WO 01/44667 A1 (University of Washington),
21 June 2001

Document 2: WO 00/63704 A2 (PerSeptive Biosystems,

Inc.), 26 October 2000

Document 3: WO 99/17093 Al (The Regents of the

University of Michigan), 08 April 1999

Document 4: EP 0187699 A2 (National Research Development

Corp.), 16 July 1986

The inventions that are set forth in claims 1, 5 and 8 are disclosed in document 1 cited in the international search report; therefore, they lack novelty and do not involve an inventive step.

The inventions that are set forth in claims 2 to 4, 6, 7 and 9 to 11 do not involve an inventive step in the light of document 1 and documents 2 to 4 cited in the international search report.

Document 2 discloses a microchip wherein a sample fluid in the sample introduction channels is separated by means of a different solution that is introduced via the separation channels which intersect with said sample introduction channels (specifically, refer to page 9, line 15 to page 10, line 15 and fig. 2 A to F).

Document 3 discloses a microchip wherein a liquid in

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

Internation PCT/JP 03/10272

the fine tubes is separated via heating by means of a heater (specifically, refer to fig. 4A).

Document 4 discloses a microchip that employs a method wherein a fluid is moved by means of centrifugal force.

Therefore, it would be easy for a person skilled in the art to conceive of combining the fluid transmission method that is disclosed in document 1 with the fluid separation methods and fluid positioning methods that are disclosed in documents 2 to 4.